

**Amendments to the Specification:**

Amend the Specification sentence beginning on Page 2, Line 12 as follows:

Gallagher and Gindele (in U.S. Patent ~~Application Serial Number 09/293,197~~ No. 6,670,988, issued on December 30, 2003 and incorporated herein by reference) describe a variety of other methods of selecting the parameter used to generate the falloff compensation mask.

Amend the Specification sentence beginning on Page 11, Line 10 as follows:

In one preferred embodiment, the 4-pass adaptive recursive filter described in US Patent ~~Application Number 09/457,036~~ No. 6,728,416, issued on April 27, 2004, is applied to the analysis image.